

Product datasheet for MR229086

Mc2r (NM_001271716) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mc2r (NM_001271716) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mc2r
Synonyms:	ACTH-R; ACTHR; MC2-R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR229086 representing NM_001271716 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCATATTATCAATTCGTATGAACACACCAATGACACCGCAAGAAATAACTCCGATTGTCCTGATG
TAGTTTTGCCAGAAGAGATATTTTTACAATCTCTGTCATTGGCATATTGGAGAACTTGATTGTCCTCCT
GGCTGTGATCAAAAATAAAATCTCCAGTCCCCATGATTTTTTCATCTGCAGTTGGCCATTTCTGAC
ATGTTGGCAGTCTGTATAAGATCTTGGAAAACATCCTGATCATGTTCAGAAACATGGGTTATCTTAAGC
CTCGTGGCAGTTTTGAAAGCACAGCAGATGACATCATTGACTGCATGTTATCCTCTCTTTGCTGGGCTC
TATCTTCAGCCTGTCTGTATTGACAGTACCGTTACATCACCATCTCCATGCCCTGCAATACCATAGC
ATTGTGACCATGCGCCGACCATCATCACCTAACAATTATCTGGATGTTCTGCACAGGGAGCGGCATCA
CCATGGTGATCTTCTCCACCATCCACAGTGCTCACCTTACATCGCTGTTCCCTTTGATGCTGGT
TTTTATCTGTGTCTCTACATCCACATGTTCTTACTTGCCCGCTCCCATGCTAGGAAGATCTTACCCTT
CCTAGAACCAACATGAAGGGTGCCATGACACTAACCATCTTCTTGAGTCTTATCTTCTGTTGGGCC
CCTTTGTGCTCCATGTTCTTAAATGACCTTCTGCCAAATAACCCTTACTGTGTTTGTACATGTCTCT
CTTCCAGGTCAATGGCATGTTGATCATGTGCAATGCAGTATTGACCCCTTATATATGCCTTTCGGAGC
CCAGAGCTCAGAGATGCATTCAAAGGATGCTCTTCTGCAACCGGTAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001271716.1](#), [NP_001258645.1](#)

RefSeq Size: 1696 bp

RefSeq ORF: 891 bp

Locus ID: 17200

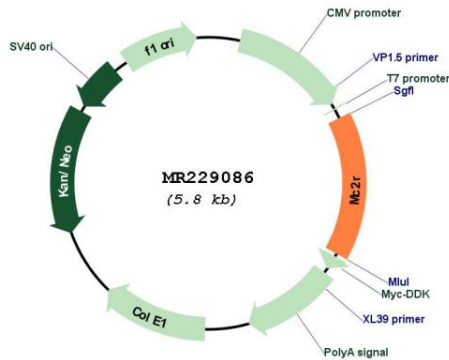
UniProt ID: [Q64326](#)

Cytogenetics: 18 41.89 cM

MW: 34 kDa

Gene Summary: Receptor for corticotropin (ACTH). This receptor is mediated by G proteins (G(s)) which activate adenylate cyclase (cAMP).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR229086